

SEQUENCE LISTING

<110> Curtis, Rory A.J.
Millennium Pharmaceuticals Inc.

<120> 25466, A Human Transporter and Uses
Therefor

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<151> 2001-02-15

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65 70 75 80
Gly Ile Thr Leu Ile Val Gly Pro Phe Ile Gly Leu Phe Ile Asn Thr
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Cys Gly Cys Arg Gln Thr Ala Ile Ile Gly Gly Leu Val Asn Ser Leu
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Gly Trp Val Leu Ser Ala Tyr Ala Ala Asn Val His Tyr Leu Phe Ile
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Thr Phe Gly Val Ala Ala Gly Leu Gly Ser Gly Met Ala Tyr Leu Pro
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Gln Gly Leu Ser Thr Thr Gly Thr Gly Phe Gly Thr Phe Leu Met Thr
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465 470 475 480	
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 Ile Asn Gly Ile Leu Ser Arg Leu Ala Ser Ala Leu Ala Gly Ser Arg
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 <213> homo sapiens

<400> 5
 Met Leu Lys Arg Glu Gly Lys Val Gln Pro Tyr Thr Lys Thr Leu Asp
 1 5 10 15
 Gly Gly Trp Gly Trp Met Ile Val Ile His Phe Phe Leu Val Asn Val
 20 25 30
 Phe Val Met Gly Met Thr Lys Thr Phe Ala Ile Phe Phe Val Val Phe
 35 40 45
 Gln Glu Glu Phe Glu Gly Thr Ser Glu Gln Ile Gly Trp Ile Gly Ser
 50 55 60
 Ile Met Ser Ser Leu Arg Phe Cys Ala Gly Pro Leu Val Ala Ile Ile
 65 70 75 80
 Cys Asp Ile Leu Gly Glu Lys Thr Thr Ser Ile Leu Gly Ala Phe Val
 85 90 95
 Val Thr Gly Gly Tyr Leu Ile Ser Ser Trp Ala Thr Ser Ile Pro Phe
 100 105 110
 Leu Cys Val Thr Met Gly Leu Leu Pro Gly Leu Gly Ser Ala Phe Leu
 115 120 125
 Tyr Gln Val Ala Ala Val Val Thr Thr Lys Tyr Phe Lys Lys Arg Leu
 130 135 140
 Ala Leu Ser Thr Ala Ile Ala Arg Ser Gly Met Gly Leu Thr Phe Leu
 145 150 155 160
 Leu Ala Pro Phe Thr Lys Phe Leu Ile Asp Leu Tyr Asp Trp Thr Gly
 165 170 175
 Ala Leu Ile Leu Phe Gly Ala Ile Ala Leu Asn Leu Val Pro Ser Ser
 180 185 190
 Met Leu Leu Arg Pro Ile His Ile Lys Ser Glu Asn Asn Ser Gly Ile
 195 200 205
 Lys Asp Lys Gly Ser Ser Leu Ser Ala His Gly Pro Glu Ala His Ala
 210 215 220
 Thr Glu Thr His Cys His Glu Thr Glu Glu Ser Thr Ile Lys Asp Ser
 225 230 235 240
 Thr Thr Gln Lys Ala Gly Leu Pro Ser Lys Asn Leu Thr Val Ser Gln
 245 250 255
 Asn Gln Ser Glu Glu Phe Tyr Asn Gly Pro Asn Arg Asn Arg Leu Leu

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260 265 270
 Leu Lys Ser Asp Glu Glu Ser Asp Lys Val Ile Ser Trp Ser Cys Lys
 275 280 285
 Gln Leu Phe Asp Ile Ser Leu Phe Arg Asn Pro Phe Phe Tyr Ile Phe
 290 295 300
 Thr Trp Ser Phe Leu Leu Ser Gln Leu Ala Tyr Phe Ile Pro Thr Phe
 305 310 315 320
 His Leu Val Ala Arg Ala Lys Thr Leu Gly Ile Asp Ile Met Asp Ala
 325 330 335
 Ser Tyr Leu Val Ser Val Ala Gly Ile Leu Glu Thr Val Ser Gln Ile
 340 345 350
 Ile Ser Gly Trp Val Ala Asp Gln Asn Trp Ile Lys Lys Tyr His Tyr
 355 360 365
 His Lys Ser Tyr Leu Ile Leu Cys Gly Ile Thr Asn Leu Leu Ala Pro
 370 375 380
 Leu Ala Thr Thr Phe Pro Leu Leu Met Thr Tyr Thr Ile Cys Phe Ala
 385 390 395 400
 Ile Phe Ala Gly Gly Tyr Leu Ala Leu Ile Leu Pro Val Leu Val Asp
 405 410 415
 Leu Cys Arg Asn Ser Thr Val Asn Arg Phe Leu Gly Leu Ala Ser Phe
 420 425 430
 Phe Ala Gly Met Ala Val Leu Ser Gly Pro Pro Ile Ala Gly Trp Leu
 435 440 445
 Tyr Asp Tyr Thr Gln Thr Tyr Asn Gly Ser Phe Tyr Phe Ser Gly Ile
 450 455 460
 Cys Tyr Leu Leu Ser Ser Val Ser Phe Phe Phe Val Pro Leu Ala Glu
 465 470 475 480
 Arg Trp Lys Asn Ser Leu Thr
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<210> 6
 <211> 6
 <212> PRT
 <213> Artificial Sequence

 <220>
 <223> consensus

 <221> VARIANT
 <222> 1
 <223> The amino acid at position 1 can be glu.

 <221> VARIANT
 <222> 3
 <223> The amino acid at position 3 can be ser.

 <221> VARIANT
 <222> 4
 <223> The amino acid at position 4 can be phe.

 <221> VARIANT
 <222> 5
 <223> The amino acid at position 5 can be ala.

 <400> 6
 Asp Gly Gly Trp Gly Trp
 1 5

<210> 7

<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus

<221> VARIANT
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<223> The amino acid at position 5 can be lys.

<221> VARIANT
<222> 6
<223> The amino acid at position 6 can be leu.

<221> VARIANT
<222> 11
<223> The amino acid at position 11 can be ala.

<221> VARIANT
<222> (1)...(16)
<223> Xaa = Any Amino Acid

<400> 7
Tyr Phe Xaa Lys Arg Arg Xaa Leu Ala Xaa Gly Xaa Ala Xaa Ala Gly
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<210> 8
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<223> consensus

<221> VARIANT
<222> (1)...(22)
<223> Xaa = any amino acid

<400> 8
Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Leu Xaa
1 5 10 15
Xaa Xaa Xaa Xaa Xaa Leu
20